

In the Claims:

1 (Currently Amended) Apparatus for the reception of data transmitted to the apparatus over any of a range of radio frequency signals within a known frequency band or bands, the radio frequency signal selectable by the apparatus in response to a user selection of a television or radio channel to be generated by the apparatus from the received data, said apparatus comprising:

at least one low noise block down-converter for down converting the selected radio frequency signal to an intermediate frequency signal within an intermediate frequency range;
a tuner to tune to the selected radio intermediate frequency signal wherein a bit error rate output of the data carried by the selected radio intermediate frequency signal is monitored; and
a control means for introducing an offset frequency value for the selected radio intermediate frequency signal;

wherein if the bit error rate exceeds, during reception, a predefined bit error rate limit said low noise block down-converter is controlled to move from receiving a selected radio frequency signal within a low band frequency range to receiving a radio frequency located in a high band frequency range or vice versa, and the apparatus is then operated to tune to a new frequency equivalent to the selected radio intermediate frequency signal plus or minus the offset frequency value, the offset frequency value being generated such that the new frequency remains within the intermediate frequency range.

2. (Currently Amended) Apparatus according to claim 1 wherein upon retuning to the new frequency including the offset frequency value, the bit error rate is monitored and if the bit error rate

value is within the predefined bit error rate limit the tuner continues to tune to the new frequency value including the offset frequency value.

3 (Currently Amended) Apparatus according to claim 1 wherein the predefined bit error rate limit is [[2e-04]] 0.0002.

4. (Previously Presented) Apparatus according to claim 1 wherein said tuner is controlled to tune to radio frequencies within the digital video broadcasting intermediate frequency band for satellite tuners.

5 (Previously Presented) Apparatus according to claim 1 wherein the bit error rate of the selected radio frequency signal is caused to exceed the predefined bit error rate limit by interference caused by any or any combination of global system mobile communication or digital enhanced cordless telecommunication devices, wireless local area network devices and/or devices which operate in the surrounding environment at a relatively close radio frequency to the selected radio frequency.

6. (Canceled)

7. (Canceled)

8. (Currently Amended) Apparatus according to claim [[6]] 1 wherein the low noise block down-converter is multiband or programmable, and, ~~upon the bit error rate of a selected frequency~~

~~signal exceeding the predefined bit error rate limit, said low noise block-down converter is controlled to receive a frequency equivalent to the selected radio frequency signal plus or minus a fixed offset frequency value.~~

9. (Currently Amended) Apparatus according to claim [[6]] 1 wherein ~~upon the bit error rate of a selected frequency signal exceeding the predefined bit error rate limit, another low noise block-down converter frequency range band is used whilst maintaining the requirement of using an the [[I]]intermediate frequency [[band]] range is between 950MHz to 2150MHz.~~

10. (Previously Presented) Apparatus according to claim 1 wherein the offset frequency value is initially set at a first value and added or subtracted from the original frequency and the apparatus re-tuned to the new frequency.

11. (Previously Presented) Apparatus according to claim 10 wherein if the bit error rate still exceeds the predefined level then successive increases in the offset value are made, said apparatus re-tuned and the bit error rate re-checked at each increase and this is continued until the bit error rate is at or below the predefined bit error rate limit.

12. (Previously Presented) Apparatus according to claim 1 wherein said apparatus includes a broadcast data receiver provided to receive the data on the selected radio frequency signal, decode the same and use the data to generate video and /or audio for the selected television or radio channel to which the selected radio frequency is related.

13. (Canceled)

14. (Currently Amended) A method for the control of apparatus to tune to a selected radio frequency signal in a range of receivable radio frequency signals to receive data carried by the signal, said method comprising the steps of:

selecting the radio frequency signal to be received as that which carries data required for the generation of a user selected radio or television channel;

using at least one low noise block down-converter to down convert the selected radio frequency signal to an intermediate frequency signal within an intermediate frequency range;

controlling the apparatus to tune to said selected radio intermediate frequency signal;

when tuned and the selected radio frequency signal is received, monitoring the bit error rate output of the data received from the selected radio intermediate frequency;

continuing to receive the selected radio frequency signal if the bit error rate output is the same or less than a predefined bit error rate limit; and

introducing by control means an offset frequency value to the selected radio intermediate frequency signal and controlling the low noise block down-converter to move from receiving a selected radio frequency signal within a low band frequency range to receiving a radio frequency located in a high band frequency range or vice versa if the bit error rate output is greater than a predefined bit error rate limit, and operating the apparatus to tune to a new [[radio]] frequency equivalent to the selected radio intermediate frequency signal plus or minus said offset frequency value[[.]] :

wherein the offset frequency value is generated such that the new frequency remains within the intermediate frequency range.

15. (Currently Amended) A method according to claim 14 wherein upon retuning to the new frequency including the offset frequency value, the bit error rate is monitored and if the bit error rate value is within the predefined bit error rate limit the tuner continues to tune to the new frequency value including the offset frequency value.

16. (Previously Presented) A method according to claim 15 wherein if the bit error rate still exceeds the predefined bit error rate limit then successive increases in the offset value are made, the apparatus re-tuned and the bit error rate re-checked at each increase and this is continued until the bit error rate is at or less than the predefined bit error rate value.

17. (Currently Amended) A method according to claim 14 wherein the predefined bit error rate limit is [[2e-04]] 0.0002.

18. (Canceled)

19. (Currently Amended) A method according to claim [[18]] 14 wherein said low noise block down-converter is multiband or programmable and upon the bit error rate of a selected frequency signal exceeding the predefined bit error rate limit, said low noise block down-converter is controlled to receive a frequency equivalent to the selected radio frequency signal plus or minus a fixed offset frequency value.

20. (Previously Presented) An apparatus according to claim 1 wherein said control means is provided in software within said apparatus.